APPENDIX A
COORDINATION/CORRESPONDENCE

Mailing List

U.S. Senator Jim Inhofe
1924 S. Utica
Suite 530
Tulsa, OK 74104

U.S. Senator Tom Coburn
401 South Boston, Suite 3310
Tulsa, OK 74103

U.S. Representative John Sullivan
2424 E. 21st St.
Suite 510
Tulsa, OK 74114

U.S. Representative Frank Lucas
720 South Husband
Suite 7
Stillwater, OK 74075

Senator J. Berry Harrison
State Capitol
2300 North Lincoln Blvd., Rm. 517-C
Oklahoma City, OK 73105

Senator John W. Ford
2300 N. Lincoln Blvd., Rm 512
Oklahoma City, OK 73105

Senator Randy Brogdon
2300 N. Lincoln Blvd., Rm. 527-A
Oklahoma City, OK 73105

Representative Steve Martin
2300 N. Lincoln Blvd., Rm. 528-B
Oklahoma City, OK 73105

Representative Mike Wilt
2300 N. Lincoln Blvd., Rm. 400-B
Oklahoma City, OK 73105

Representative Joe Sweeden
State Capitol
2300 North Lincoln Blvd., Rm. 434
Oklahoma City, OK 73105

Mr. Tom Clapper
Oklahoma State Senate
Federal Action Monitor
Room 310, State Capitol
Oklahoma City, OK 73105

Mr. Michael Jansky
Office of Planning and Coordination
U. S. Environmental Protection Agency
1445 Ross Ave., Suite 1200
Dallas, TX 75202

Mr. Jerry Brabander
Field Supervisor
U.S. Fish & Wildlife Service
222 South Houston, Suite A
Tulsa, OK 74127

Mr. Bobby Jack Jones
Natural Resources Conservation Service
Agriculture Center Office Bldg.
Farm Road & Brumley Street
Stillwater, OK 73074

Ms. Kathy Peter
District Chief
U.S. Geological Survey
202 NW 66th
Oklahoma City, OK 73116

Mr. Greg D. Duffy
Director
Oklahoma Department of Wildlife Conservation
1801 N. Lincoln
Oklahoma City, OK 73152

Mr. Steve Thompson
Executive Director
Oklahoma Department of Environmental Quality
P.O. Box 1677
Oklahoma City, OK 73101-1677

Mr. Duane Smith
Director
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118

Mr. Ken Morris, C.F.M.
State Floodplain Manager
Oklahoma Water Resources Board
3800 N. Classen
Oklahoma City, OK 73118

Mr. Ian H. Butler
Oklahoma Natural Heritage Inventory
Oklahoma Biological Survey
111 E. Chesapeake Street
Norman, OK 73019-0575

INCOG
Attn: Eugene Edward
201 West 5th St., Suite 600
Tulsa, OK 74103

Dr. Robert L. Brooks
University of Oklahoma
Oklahoma Archeological Survey
111 E. Chesapeake
Norman, OK 73019-0575

Dr. Bob Blackburn
State Historic Preservation Officer
Oklahoma Historical Society
2704 Villa Prom, Shepherd Mall
Oklahoma City, OK 73107

Mr. Gary McAdams, President
Wichita and Affiliated Tribes of Oklahoma
P. O. Box 729
Anadarko, OK 73005

Cherokee Nation of Oklahoma
P.O. Box 948
Tahlequah, OK 74465

Osage Nation of Oklahoma
627 Grandview Avenue
Pawhuska, OK 74056

Mr. John Berrey, Chairman
Quapaw Tribe of Oklahoma
P.O. Box 765
Quapaw, OK 74363

Kaw Indian Tribe of Oklahoma
Drawer 50
Kaw City, OK 74641

Ms. Margaret Ruff
Administrative Director
Oklahoma Wildlife Federation, Inc.
P.O. Box 60126
Oklahoma City, OK 73146

Mr. Tim Grogan
State Director, Oklahoma Chapter
The Nature Conservancy
2727 East 21st St., Suite 102
Tulsa, OK 74114

Mr. George Brenner
Chair, Green Country Sierra Club
3941 E. 37th Pl.
Tulsa, OK 74135

Mr. John Kennington
President, Tulsa Audubon Society
P.O. Box 2476
Tulsa, OK 74101

Tulsa World
World Publishing Company
318 Main Mall
Tulsa, OK 74103

Barnsdall Times
117 N. 5th
Barnsdall, OK 74002

Bartlesville Examiner-Enterprise
4125 Nowata Rd.
Bartlesville, OK 74006

Skiatook Journal
500 W. Rogers
Skiatook, OK 74070

Public Involvement

US Army Corps of Engineers

PUBLIC SCOPING MEETING
ENVIRONMENTAL ASSESMENT
FOR
U.S. ARMY CORPS OF ENGINEERS
CANDY LAKE LAND TRANSFER PROJECT
SEPTEMBER 23, 2003

	Name (Please Print)	Address (Mailing)	Representing	Would you like to receive a copy of the environmental assessment?
1	Paul Lemley	RR1 Box 115 Barnsdall, Okla	Floyd Lemley	yes
2	J.F. Murphy	R.F.D. I Box 171	SHIDLER OKLA	74652 Yes
3	Francis Murphy	Rt 1 Box 210 Shidler OK 74652	Murphy Ranch	Yes
4	Naomi Littleton	Rt 1 Box 498 Barnsdall 74002	Land owner	Yes
5	Clarence Brawtley	1125 W Main Pawhuska OK 74056	County Comm Osage County	Yess

	Name (Please Print)	Address (Mailing)	Representing	Would you like to receive a copy of the environmental assessment?
6	Lewis & Robert Rutherford	P.O. Box 183 Ramona, OK 74061	Selves	YES
7	Brenda Carter	213 Cedar Lane Hominy, OK. 74035	father	Yes
8	Chester Thornton	404 S. Wood Hominy, OK 74035	self	Yes
9	Loyal Henson	Barnsdall, OKla 74002	self	YES
10	W.R. Fingerlin	15345 Lake Rd Skiatook	Self	Yes.
11	Glen Magee	116 N Avant Ave	Self	Yes
12	Jim & Phyllis Sims	Box 157 Ochelata OK 74051	Self & Lessee	Yes

	Name (Please Print)	Address (Mailing)	Representing	Would you like to receive a copy of the environmental assessment?
13	Opal (Kohlmeyer) White	Skiatook, OK. 74070 727 E. 166th St. N.	self	yes
14	Michael Isenbach	74078 1831 E 176 st. N. Skiatook OK	Self	yes
15	Kyle Kohlmeyer	74002 RT 1 Box 170 Barnsdall OK	Self	yes
16	J.A. Murrie	74070 RT 1 Box 231 Skiatook OK	R.W. Glasco	yes
17	W.R. Morrison	74002 Rt* Box 304 Barnsdall, OK	Myself	yes
18	Jim B Adams	RR 1 Box 301 Barnsdall	Ken Adams	Yes.
19	Alberta Crutchfield	Box 174 Ochelata		

	Name (Please Print)	Address (Mailing)	Representing	Would you like to receive a copy of the environmental assessment?
20	LEESA LEESON PARKER	1013 N FIR JENKS OK 74037	Leeson	Y
21	MAXINE LEESON	40770 N. 3960 Rd. SKIATOOK	Leeson	Yes
22	Allen Leeson	40770N3960RD	Leeson	Yes
23	Richard Stark	222 S. Houston Ave Tulsa, OK 74127	U.S. Fish + Wildlife Service, Region 2	yes
24	Karyn Hoffman	11409 E. 101st St. N. Owasso, OK 74055	Kohlmeyer	yes
25	JERRY MORRIS	401 S. Boston, Suite 3310 TULSA, OK 74103	US SENATOR DON NICKLES	yes
26	CURT PRICE	1924 S. UTICA, SUITE 530 TULSA, OK 74104-6511	US SEN. JIM INHOFE	yes

	Name (Please Print)	Address (Mailing)	Representing	Would you like to receive a copy of the environmental assessment?
27	Martin Tucker	Rt 2. Box 59-D Skiatook 74070	Self	Yes
28	Dudley Whitehorn	304 E. Wood Hominy	Osage Nation	Yes
29				
30				
31				
32				
33				

US Army Corps of Engineers®

Candy Lake Land Transfer Project
Barnsdall, Oklahoma
Question, Comments, or Suggestions

The Corps of Engineers is interested in addressing your concerns and questions regarding this study. The Corps encourages suggestions as well. Your input is an important part of the Corps study process. Please write your question, comment, or suggestion on the space provided below. If you would like to be kept informed about this study please provide your name and address. Feel free to use the back of this form or add pages if needed. You may also take this form with you and return it to the address below.

Mr. David L. Combs:

We understood in a former meeting we can select an appraiser in case we are not satisfied with your appraisal.

The land is only good for ranching purposes because "a water tap" is not available. We bought the land for ranching and had completely fenced it with T posts and 5 wire fence. The fences are torn down and our hay meadow plowed up. We built a cattle pond.

We want to know the depth & thickness of the water table. Will there be sufficient water for a household?

Optional Information: We would like to be kept informed of further development. Thank you.

Name: Harry Littleton & Naomi Littleton Affiliation:
Address: RR 1 Box 498 City: Barnsdall State: OK.
Zip: 74002 Phone: 918-336-1376 E-mail: nglitt@bartnet.net

Point of Contact :
Mr. David L. Combs
U.S. Army Corps of Engineers, Tulsa District
1645 S. 101st East Avenue ATTN: CESWT-PE-E
Tulsa, OK 74128-4629 Phone: 918-669-7660
e-mail: David.L.Combs@usace.army.mil

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Barnsdall, Oklahoma
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My Opinion is to leave the land, as is, with the Corps of Engineers. Lease it to the Original owners until such time as the government will approve the building of the Lake. Give the indians royalties from Water usage, instead of Oil royalties. The existing Oil wells are not being pumped now anyway.

A lake would provide water for the existing Water Districts in the area. Some of the districts are now using all the alloted amounts from the existing lakes. Please consider this option. Thank you.

Also Flood Control for Bird Creek and Highway 11 and 20

Optional Information:

Name: Michael Eschbach Affiliation: Owner

Address: 1831 E 176 St. N. City: Skiatook State: OK

Zip: 74070 Phone: __-_____ E-mail: _____

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District

1645 S. 101st East Avenue ATTN: CESWT-PE-E

Tulsa, OK 74128-4629 Phone: 918-669-7660

e-mail: David.L.Combs@usace.army.mil

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DEAR SIR

THE LAND IS ALREADY USED AS PUBLIC HUNTING. WHY NOT TURN IT OVER TO TALLGRASS PRAIRIE OR SOME OTHER ENTITY THAT WILL KEEP IT TOGETHER IN ONE PIECE. AT SOME POINT IN TIME PERHAPS THE OIL WILL BE LESS THAN WHAT WATER USAGE WILL BE I STILL THINK THE SAVINGS DOWN STREAM WITH FLOOD CONTROL & SALES OF WATER WOULD BE WORTH MORE TO THE INDIANS & PEOPLE OF THE AREA THAN OIL WILL BE. WHEN THAT TIME COMES IT COULD BE REAQUIRED MUCH EASIER.

THANK YOU

Optional Information:

Name: JOE ESCHBACH Affiliation:

Address: 1407 E 176ST N City: SKIATOOK State: OK

Zip: 74070 Phone: __-__ E-mail: FleetJE@AOL.com

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District

1645 S. 101st East Avenue ATTN: CESWT-PE-E

Tulsa, OK 74128-4629 Phone: 918-669-7660

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We would like to see the Corp. retain ownership of the property and continue leasing the property back to the old land owners. Continue this relationship until such time that the lake can and would be built. We have an interest in the lake as water rights possibilities with Oklahoma Water Resources and as everybody knows water is a precious resource.

Please consider this as an option.

Thank You.

Optional Information:

Name: Jerry Gammill Affiliation: Washington Co. Rural Water District #3
Address: P.O. Box 70 City: Collinsville State: OK
Zip: 74021 Phone: 918 - 371-2055 E-mail:

Point of Contact :
Mr. David L. Combs
U.S. Army Corps of Engineers, Tulsa District
1645 S. 101st East Avenue ATTN: CESWT-PE-E
Tulsa, OK 74128-4629 Phone: 918-669-7660
e-mail: David.L.Combs@usace.army.mil

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My 2 main concerns are that the land be sold back the owners or heirs and that the sell price should be what was paid to the original owners. Not today's fair maket value.

The reason it should not be fair market value is because the land is not in the same condition as it was when it was sold. It is all over grown, fences are in disrepair and roads are impassable. It would cost →

Optional Information:

Name: Karyn Hoffman Affiliation: Kohlmeyer Property

Address: 11409 E. 101st St N City: Owasso State: OK

Zip: 74055 Phone: 918-272-1538 E-mail:

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District

1645 S. 101st East Avenue ATTN: CESWT-PE-E

Tulsa, OK 74128-4629 Phone: 918-669-7660

e-mail: David.L.Combs@usace.army.mil

So much to get the land back in living/farming condition. This fact should be taken into consideration when a sell price is decided.

Abstracts?

US Army Corps of Engineers

Candy Lake Land ~~Transfer Project~~
Barnsdall, Oklahoma
Question, Comments, or Suggestions

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I will be concerned about what the price will be, when it will be available and I would like to receive all information as it progresses. If I am deceased before the sales are finalized will my children be able to purchase as our heirs.
Also has our "Kohlmeyer" land been declared overflow or "flood land.

Optional Information:

Name: MRS. OPAL (Kohlmeyer) White Affiliation: PREVIOUS OWNER - Kohlmeyer Property
Address: 727 E. 166th St. N. City: Skiatook State: OK.
Zip: 74070 Phone: 396-1310 E-mail:

Point of Contact :
Mr. David L. Combs
U.S. Army Corps of Engineers, Tulsa District
1645 S. 101st East Avenue ATTN: CESWT-PE-E
Tulsa, OK 74128-4629 Phone: 918-669-7660
e-mail: David.L.Combs@usace.army.mil

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Has groundwater elevation been determined?
Is there stratagraphic data?

Optional Information:

Name: Lewis Rutherford Affiliation: landowner
Address: PO Box 183 City: Ramona State: OK
Zip: 74061 Phone: ___-_____ E-mail: _____

Harry Littleton
Route 1 Box 498
Barnsdall OK
74002

Point of Contact :
Mr. David L. Combs
U.S. Army Corps of Engineers, Tulsa District
1645 S. 101st East Avenue ATTN: CESWT-PE-E
Tulsa, OK 74128-4629 Phone: 918-669-7660
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I am interested in the land that belonged to Floyd Lemley. I am interested in the price.

Optional Information:

Name: Paul J. Lemley Affiliation: Floyd Lemley

Address: RR1 Box 115 City: Barnsdall State: Okla.

Zip: 74002 Phone: 847-2063 E-mail:

198

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District

1645 S. 101st East Avenue ATTN: CESWT-PE-E

Tulsa, OK 74128-4629 Phone: 918-669-7660

e-mail: David.L.Combs@usace.army.mil

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I would like To know The APPRAISAL for The Two Kohlmeyer properties. IT is my understanding That This should be public information: per The Public Information ACT.

Kyle Kohlmeyer

Optional Information:

Name: Kyle Kohlmeyer Affiliation: HEIR
Address: RT 1 Box 170 City: Barnsdall State: OK
Zip: 74002 Phone: 918-847-3506 E-mail: Kyle00@ATTG.net

Point of Contact :
Mr. David L. Combs
U.S. Army Corps of Engineers, Tulsa District
1645 S. 101st East Avenue ATTN: CESWT-PE-E
Tulsa, OK 74128-4629 Phone: 918-669-7660
e-mail: David.L.Combs@usace.army.mil

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1. What was the last appraisal of the Lesson property?
Tract 108
tract 108 E-1, E2 + E3
of Osage Co.

Is this not public information on the Public Inf. Act - Freedom Inf Act

Optional Information:

Name: Maxine Lesson Affiliation: owner Alberta Lesson Crutchfield
Address: Rt 1 Box 197C City: Skiatook State: OK
Zip: 74070 Phone: 918-376-2321 E-mail:

Point of Contact :
Mr. David L. Combs
U.S. Army Corps of Engineers, Tulsa District
1645 S. 101st East Avenue ATTN: CESWT-PE-E
Tulsa, OK 74128-4629 Phone: 918-669-7660
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My concerns are so numerous I can't begin to tell them all.

I guess my main concern is that the appraisals are going to be to high for anyone to afford the property.

My second concern is that this has went on so long I would like to get this put behind us one way or the other.

Optional Information:

Represent Henry + Wima Kohlmeyer owners

Name: Kyle Kohlmeyer Affiliation: HEIR

Address: RT 1 Box 190 City: Barnsdall State:

Zip: 74002 Phone: 918-847-3506 E-mail: Kyle000@attg.net

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District

1645 S. 101st East Avenue ATTN: CESWT-PE-E

Tulsa, OK 74128-4629 Phone: 918-669-7660

e-mail: David.L.Combs@usace.army.mil

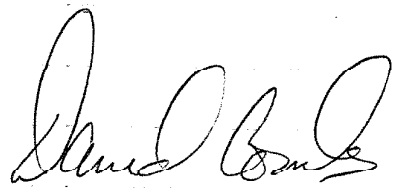
Ronald E Hazelwood
23591 N. 4020 Road
Bartlesville, OK
74006
918-333-3559

(1) Needs to be offered to original landowners

(2) Price needs to be comparable to original price owners received.

(3) Wants to buy it back.

- Wants comments for record
- Wants on mailing list for all other documentations or announcements (ie, EA)



RAYMOND W. GLASCO
Route 1 Box 231
Skiatook, OK 74070

October 1, 2003

Mr. David L. Combs
U.S. Army Corps of Engineers, Tulsa District
1645 S. 101 St. East Avenue
Tulsa, Ok 74128-4629

Attn: CESWT-PE-E

Mailed Via Registered Mail

Dear Sir:

I, Raymond Glasco, am the former owner of 530.65 acres of land in the Candy Creek Lake project. I still own approximately 1,475 acres that adjoins the Corp owned land. Attached is a stipulation agreement dated November 2, 1979. In the agreement the Corp agrees to build 3.80 miles of pasture fence. This fence has not been built to date. I have an ongoing problem with hunters and fisherman trespassing on my ranch lands since there is no fence to mark the boundary between the Corp land and my land.

I would like to know your proposed time table to build the fence as agreed to in the 1979 agreement.

Sincerely,

Raymond Glasco

Coordination and Correspondence

DEPARTMENT OF THE ARMY
TULSA DISTRICT, CORPS OF ENGINEERS
1645 S. 101ST EAST AVENUE
TULSA, OKLAHOMA 74128-4629

REPLY TO
ATTENTION OF

November 12, 2003

Planning, Environmental, and Regulatory Division

SUBJECT: Environmental Assessment for Proposed Candy Lake Land Transfer,

Oklahoma Department of Wildlife Conservation
Attn: Greg Duffy, Director
P.O. Box 53465
Oklahoma City, Oklahoma 73152-3465

Dear Mr. Duffy,

The U.S. Army Corps of Engineers, Tulsa District, intends to prepare an Environmental Assessment (EA) for the Candy Lake Land Transfer Project. The Corps will offer to return 26 tracts of land, originally purchased to create a multi-purpose flood control reservoir, to the previous landowners, and their descendents, at Fair Market Value. If the previous landowners do not have an interest in the tracts of land, the parcels will be processed through Federal screening. Attached is a map illustrating the approximate project location and project boundaries. The EA will evaluate the potential impacts of transferring this land to private ownership.

We are currently in the process of gathering the most current information available regarding Federally and state listed species potentially occurring within the vicinity of the project site. We respectfully request that your agency provide a list of the protected species that may occur within or near the site. We also request a description of the sensitive resources (e.g., rare or unique plant communities) that you believe may be affected by the proposed project. Any information you may have regarding critical habitat areas for these species would also be greatly appreciated.

The Corps conducted a public scoping meeting to solicit input from the general public. The scoping meeting was held on September 23, 2003 at the Barnsdall Elementary School.

We also intend to provide your agency with a copy of the Draft EA once it is completed. Please inform us if additional copies are needed and/or if someone else within your agency other than you should receive the Draft EA.

Your prompt attention to this request would be greatly appreciated. If you have any questions, please call Ms. Cynthia Kitchens at (918) 669-7042.

Sincerely,

Jeffrey L. Waldie, Acting Chief
Environmental Analysis and
Compliance Branch

Enclosure

Copy furnished w/o enclosure

Ms. Cynthia Kitchens
U.S. Army Corps of Engineers
Tulsa District
1645 S. 101st East Avenue
Tulsa, OK 74128-4269

Mr. Melvin Freeman
General Services Administration
819 Taylor Street
Fort Worth, Texas 76102

Mr. Eric Webb
Gulf South Research Corporation
7602 GSRI Avenue
Baton Rouge, Louisiana 70820

WILDLIFE CONSERVATION COMMISSION

DON RITTER
CHAIRMAN
HARLAND STONECIPHER
VICE CHAIRMAN
MARK PATTON
SECRETARY
ED ABEL
MEMBER

JOHN S. "JACK" ZINK
MEMBER
JOHN D. GROENDYKE
MEMBER
WILLIAM CRAWFORD
MEMBER
VYRL KEETER
MEMBER

OKLAHOMA

FRANK KEATING, GOVERNOR
GREG D. DUFFY, DIRECTOR

DEPARTMENT OF WILDLIFE CONSERVATION

1801 N. LINCOLN P.O. BOX 53465 OKLAHOMA CITY, OK 73105 PH. 521-3851

January 6, 1997

Nancy Kaufman
USF&W
500 Gold Avenue
Albuquerque, NM 87102

Dear Ms. Kaufman

The U.S. Army Corps of Engineers Candy Lake Project located just northeast of Avant in Osage county is currently up for deauthorization. The deauthorization process would make Candy project lands available to other federal agencies.

A brief look at the history of the Candy Lake project shows that it was initiated in 1976 by the U.S. Army Corps of Engineers under the authority of the 1962 Flood Control Act for purposes of flood control, water supply, recreation, and fish and wildlife. Funds expended were used to acquire surface acreage for the project and for construction of a project access road. In 1981, the 3,658 acre project was delayed indefinitely when condemnation proceedings were withdrawn to acquire mineral rights on the Skiatook lake project from the Osage Nation. In 1984, the project was placed in deferred status and made available for agricultural use as well as limited recreational use. In 1987, the Oklahoma Department of Wildlife Conservation entered a cooperative management agreement with the U.S. Army Corps of Engineers to assist in managing the project until 1992. This cooperative agreement has continued informally until the present date.

Candy project lands are very important to wildlife because of its diversity, its bottomland hardwoods, and the increase in habitat destuction on surrounding private land. The project has a wide variety of habitat types. Corridors of mature bottomland hardwoods are found along the riparian zones. Post oak/blackjack forests are found on the hills along the project boundary. While many of the open areas have been converted to exotic grasses, the reduction in the intensity of brush and forb control measures has made most of these areas good habitat for wildlife as well. Candy creek and its tributaries are different than most others in this part of the state. The limestone rock bottom of this creek keeps the water relatively clear except in times of heavy runoff. There is also an area with limestone outcroppings and an area with shallow, rocky soil that each provide unique vegetative communities to the project. This wide array of habitat types and their good interspersion make the project vital for numerous resident and migratory species of wildlife.

The second reason that Candy is so important to area wildlife is the bottomland hardwoods that

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are present on the area. While modest in acreage compared to other areas of the state, Candy's bottomland hardwoods are found in an area dominated by open prairies with scattered patches of post oak/blackjack oak. The reduction in brush control measures on project lands mentioned earlier has increased the acreage of young stands of bottomland hardwoods. If protection is continued/increased, this habitat type will become even more valuable to wildlife in the future.

The third reason the Candy project is so important to wildlife is the continued destruction of wildlife habitat in the region. Habitat in the area is being lost to: the urban sprawl of the Tulsa metropolitan area; conversion of native prairies to introduced pastures; herbicide applications to reduce forbs and woody growth in pastures and rangeland; continued fire suppression in areas with native vegetation; flooding of bottomland hardwoods via reservoir construction; and oil field activity. As the amount of quality habitat in the region continues to dwindle, area wildlife will become more dependent on the remaining areas with good habitat.

The importance of Candy's habitat is magnified by its close proximity to the Tulsa metropolitan region. Project lands are located within 30 miles of the second largest city in the state. The demand in the area for wildlife related recreational access certainly exceeds what is available.

Over 95% of the land in Oklahoma is private property and accessibility to it continues to decrease for many Oklahomans. This situation makes providing sufficient outdoor opportunities for the public a big challenge for our agency.

Obviously, our agency feels that it is important to protect the habitat and the public use that is present on the Candy project. Since other federal agencies have the first opportunity to obtain deauthorized Corps land, I am requesting the assistance of your agency in protecting this valuable area.

An ideal situation for our Department would be to lease these lands from your agency. This would protect and enhance the area's wildlife habitat, while securing wildlife related access on the area for the public.

If you have any questions or comments on the Candy project, please contact my office at (405) 521-4660.

Sincerely,

Greg Duffy

Greg Duffy
Director
Oklahoma Dept. Wildlife Conservation

GD/JP:jp

cc: Johnny Herd
Richard Hatcher
Alan Peoples
Candy WMA file

USDA
United States Department of Agriculture

Natural Resources Conservation Service

Natural Resource Conservation Service
1000 W. Main, STE. 102
RT. 1 Box 650
PAWHUSKA, OK. 74056

Mr. Eric Webb
Environmental Resources Manager
Gulf South Research Corp.
PO Box 83564
Baton Rouge, LA. 70884-3564

February 20, 2004

Subject: Candy Lake Environmental Assessment

Mr. Webb,

As requested by your agency I ran the soils that are located in the Candy Wildlife Management area. Many of the soils in the area are classified as Prime Farmland; I have included a list of the soils. Of these Map Units 1, 3,8,9,15,16,31,38,46 are designated as Prime Farmland by the NRCS. The potential for significant erosion concerns is high considering the location of the ground in relation to the riparian area.

If you need any other information please call me at 918-287-3570 ext. 3

Matt Ward
District Conservationist
Pawhuska Field Office

Non-Technical Descriptions

Osage County, Oklahoma

Only those map units that have entries for the selected non-technical description categories are included in this report.

Map Unit: 1 - Apperson silty clay loam, 1 to 3 percent slopes

Description Category: SOI

APPERSON SILTY CLAY LOAM IS 40-60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.2-9.5; MAJOR CONSIDERATIONS: WATER TABLE, DEPTH TO HARD ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3W.

Map Unit: 3 - Barnsdall very fine sandy loam, 0 to 1 percent slopes, rarely flooded

Description Category: SOI

BARNSDALL VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 8.7-11.9; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 1.

Map Unit: 8 - Pocasset fine sandy loam, 0 to 1 percent slopes, occasionally flooded

Description Category: SOI

POCASSET FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.2-9.0; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2W.

Map Unit: 9 - Pocasset fine sandy loam, 1 to 3 percent slopes, occasionally flooded

Description Category: SOI

POCCASSET FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.6-9.0; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2W.

Map Unit: 14 - Darnell-stephenville complex, 1 to 8 percent slopes

Description Category: SOI

STEPHENVILLE FINE SANDY LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 3.1-4.9; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3E.

Description Category: SOI

DARNELL FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.4-1.9; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3S.

Non-Technical Descriptions - Continued

Osage County, Oklahoma

Map Unit: 15 - Agra silt loam, 1 to 3 percent slopes

Description Category: SOI

AGRA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 1-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.8-12.5; MAJOR CONSIDERATIONS: WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2E.

Map Unit: 16 - Agra silt loam, 3 to 5 percent slopes

Description Category: SOI

AGRA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 3-5 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.8-12.5; MAJOR CONSIDERATIONS: WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3E.

Map Unit: 23 - Foraker-shidler complex, 12 to 25 percent slopes

Description Category: SOI

FORAKER SILTY CLAY LOAM IS 20-40 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 12-25 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 3.8-7.1; MAJOR CONSIDERATIONS: WATER TABLE, SLOPE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7E.

Description Category: SOI

SHIDLER SILTY CLAY LOAM IS 4-20 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 12-25 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.4-1.8; MAJOR CONSIDERATIONS: SLOPE, DEPTH TO HARD ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.

Map Unit: 31 - Braman silt loam, 0 to 1 percent slopes, rarely flooded

Description Category: SOI

LAWRIE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.0-14.3; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 1.

Map Unit: 33 - Braman-drummond complex, 0 to 1 percent slopes, rarely flooded

Description Category: SOI

DRUMMOND SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.5-10.3; MAJOR CONSIDERATIONS: FLOODING, WATER TABLE, SODICITY; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3W.

Map Unit: 33 - Braman-drummond complex, 0 to 1 percent slopes, rarely flooded

Description Category: SOI

LAWRIE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.0-14.3; MAJOR CONSIDERATIONS: FLOODING: LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 1.

Map Unit: 35 - Niotaze-darnell complex, 3 to 15 percent slopes

Description Category: SOI

NIOTAZE STONY SILT LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 3-15 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.9-4.1; MAJOR CONSIDERATIONS: WATER TABLE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 7S.

Description Category: SOI

DARNELL EXTREMELY STONY FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 3-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.2-1.6; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.

Map Unit: 36 - Niotaze-darnell complex, 15 to 25 percent slopes

Description Category: SOI

NIOTAZE STONY LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 15-25 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 2.5-5.4; MAJOR CONSIDERATIONS: WATER TABLE, SLOPE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 7E.

Description Category: SOI

DARNELL EXTREMELY STONY FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 15-20 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.2-1.6; MAJOR CONSIDERATIONS: SLOPE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.

Map Unit: 38 - Norge silt loam, 1 to 3 percent slopes

Description Category: SOI

NORGE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 1-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.0-13.5; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2E.

Map Unit: 46 - Osage silty clay, 0 to 1 percent slopes, occasionally flooded

Map Unit: 46 - Osage silty clay, 0 to 1 percent slopes, occasionally flooded

Description Category: SOI

OSAGE SILTY CLAY IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.4-7.5; MAJOR CONSIDERATIONS: FLOODING, WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 3W.

Map Unit: 49 - Parsons-pharoah complex, 0 to 3 percent slopes

Description Category: SOI

PHAROAH SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 8.2-12.8; MAJOR CONSIDERATIONS: WATER TABLE, SODICITY; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3W.

Description Category: SOI

PARSONS SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.7-13.5; MAJOR CONSIDERATIONS: WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3E.

Map Unit: 54 - Shidler silty clay loam, 1 to 5 percent slopes

Description Category: SOI

SHIDLER STONY SILTY CLAY LOAM IS 4-20 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 1-5 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 0.7-1.4; MAJOR CONSIDERATIONS: DEPTH TO HARD ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.

Map Unit: 59 - Stephenville-darnell complex, 1 to 5 percent slopes

Description Category: SOI

STEPHENVILLE FINE SANDY LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 5-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 3.6-5.7; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 4E.

Description Category: SOI

DARNELL FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-5 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.9-2.5; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3S.

Map Unit: 66 - Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded

Map Unit: 66 - Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded

Description Category: SOI

VERDIGRIS SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.4-14.4; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 2W.

Map Unit: 67 - Verdigris silt loam, 0 to 1 percent slopes, frequently flooded

Description Category: SOI

VERDIGRIS SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.4-14.4; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 5W.

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1. Oklahoma's Endangered Species
(An "*" indicates the species is also federally endangered)

A. Mammals

Gray Bat (Myotis grisescens) *
Indiana Bat (Myotis sodalis) *
Ozark Big-eared Bat (Plecotus townsendii ingens) *

B. Birds

Bald Eagle (Haliaeetus leucocephalus) *
Whooping Crane (Grus americana) *
Interior Least Tern (Sterna antillarum) *
Black-capped Vireo (Vireo atricapillus) *
Red-cockaded Woodpecker (Picoides borealis) *

C. Fish

Longnose Darter (Percina nasuta)

D. Invertebrates

Cave Crayfish (Cambarus tartarus)
American Burying Beetle (Nicrophorus americanus) *
Ouachita Rock Pocketbook (Arkansia wheeleri) *
Neosho Mucket (Lamsilis rafinesqueana) (Federal Candidate)
Scaleshell (Leptodea leptodon) *

II. Oklahoma's Threatened Species
(An "*" indicates the species is also federally threatened)

A. Birds

Piping Plover (Charadrius melodus) *

B. Reptiles

American Alligator (Alligator mississippiensis) *
(By similarity of appearance)

C. Fish

Ozark Cavefish (Amblyopsis rosae) *
Neosho Madtom (Noturus placidus) *
Arkansas River Shiner (Notropis girardi) *
Leopard Darter (Percina pantherina) *
Blackside Darter (Percina maculata)

III. Oklahoma's Species of Special Concern
(An "*" indicates the species is also a federal species of concern)

A. Category I Species

1. Birds

Ferruginous Hawk (Buteo regalis)
Golden Eagle (Aquila chrysaetos)
Prairie Falcon (Falco mexicanus)
Mountain Plover (Charadrius montanus) (Federal Candidate) *
Long-billed Curlew (Numenius americanus)

2. Invertebrates

Pilsbry's Narrow-apertured Land Snail (Sterotrema pilsbryi)

B. Category II Species

1. Mammals

Desert Shrew (Notiosorex crawfori)
Keen's Myotis (Myotis keenlii)
Small-footed Myotis (Myotis leibii)
Southeastern Myotis (Myotis austroriparius)
Western Big-eared Bat (Plecotus townsendii pallescens)
Rafinesque's Big-eared Bat (Plecotus rafinesquii)
Seminole Bat (Lasiurus seminolus)
Mexican Free-tailed Bat (Tadarida brasiliensis)
Black-tailed Prairie Dog (Cynomys ludovicianus) (Federal Candidate) *
Woodchuck (Marmota monax)
Eastern Harvest Mouse (Reithrodontomys humulis)
Rice Rat (Oryzomys palustris)
Meadow Jumping Mouse (Zapus hudsonius)
Texas Kangaroo Rat (Dipodmys elator)
Ringtail (Bassariscus astutus)
River Otter (Lutra canadensis)
Hog-nosed Skunk (Conepatus mesoleucus)
Long-tailed Weasel (Mustela frenata)
Swift Fox (Vulpes velox)
Mountain Lion (Felis concolor)

2. Birds

Swainson's Hawk (Buteo swainsoni)
Snowy Plover (Charadrius alexandrinus)
Barn Owl (Tyto alba)
Burrowing Owl (Athene cunicularia)
Migrant Loggerhead Shrike (Lanius ludovicianus migrans)
Bell's Vireo (Vireo bellii)

Bachman's Sparrow (Aimophila aestivalis)

3. Reptiles

Alligator Snapping Turtle (macroclemys temminckii)
Map Turtle (Graptemys geographica)
Earless Lizard (Holbrookia maculata)
Round-tailed Horned Lizard (Phrynosoma modestrum)
Texas Horned Lizard (Phrynosoma cornutum)
Gulf Crayfish Snake (Regina rigida sincola)
Louisiana Milk Snake (Lampropeltis triangulum amaura)
Northern Scarlet Snake (Cemophora coccinea copei)
Texas Garter Snake (Thamnophis sirtalis annectens)
Texas Longnosed Snake (Rhinocheilus lecontei tessellatus)
Western Mud Snake (Farancia abacura reinwardtii)
Desert Massasauga (Sistrurus catenatus edwardsii)

4. Amphibians

Three-toed Amphiuma (Amphiuma tridactylum)
Western Lesser Siren (Siren intermedia nettingi)
Mole Salamander (Ambystoma talpoideum)
Ringed Salamander (Ambystoma annulatum)
Four-toed Salamander (Hemidactylium scutatum)
Ouachita Dusky Salamander (Desmognathus brimleyorum)
Rich Mountain Salamander (Plethodon ouachitae)
Grotto Salamander (Typhlotriton spelaeus)
Oklahoma Salamander (Eurycea tynerensis)
Squirrel Treefrog (Hyla squirella)
Western Bird-voiced Treefrog (Hyla avivoca avivoca)

5. Fish

Alabama Shad (Alosa alabamae)
Alligator Gar (Atractosteus spathula)
Arkansas River Speckled Chub (Hybopsis aestivalis tetranemus)
Arkansas Darter (Etheostoma cragini) (Federal Candidate Species) *
Black Buffalo (Ictiobus niger)
Blue Sucker (Cycleptus elongatus)
Bluehead Shiner (Notropis hubbsi)
Bluntfaced Shiner (Cyprinella camura)
Brown Bullhead (Ictalurus nebulosus)
Chian Pickeral (Esox niger)
Colorless Shiner (Notropis peripallidus)
Crystal Darter (Ammocrypta asprella)
Cypress Minnow (Hybognathus hayi)
Flathead Chub (Hybopsis gracilis)
Goldstripe Darter (Etheostoma parvipinne)
Harlequin Darter (Etheostoma histrio)
Ironcolor Shiner (Notropis chalybaeus)

Kiamichi Shiner (Notropis ortenburgeri)
Mooney (Hiodon tergisus)
Mountain Madtom (Noturus eletherus)
Pallid Shiner (Notropis amnis)
Plains Topminnow (Fundulus sciadicus)
Redbreast Sunfish (Lepomis auritus)
Ribbon Shiner (Lythurus fumeus)
River Darter (Percina shumardi)
Shorthead Redhorse (Moxostoma macrolepidotum)
Shovelnose Sturgeon (Scaphirhynchus platorynchus)
Southern Brook Lamprey (Ichtyomyzon gagei)
Spotfin Shiner (Cyprinella spiloptera)
Stonecat (Noturus flavus)
Taillight Shiner (Notropis maculatus)
Wichita Mountains Spotted Bass (Micropterus punctulatus wichitae)

6. Invertebrates

Bowman's Cave Amphipod (Stygobromus bowmani)
Oklahoma Cave Amphipod (Allocrangonyx pellucidus)
Prairie Mole Cricket (Gryllotalpa major)
Regal Fritillary Butterfly (Speyeria idalia)
Spectacle-case Mussel (Quadrula cylindrica)
Western Fanshell Mussel (Cyprogenia aberti)

C. Federal Candidate/Not State Species of Special Concern

1. Birds

Lesser Prairie Chicken (Tympanuchus pallidicinctus)

U.S. FISH AND WILDLIFE OKLAHOMA ECOLOGICAL SERVICES FIELD OFFICE 918-581-745

WHAT CAN I DO TO HELP OKLAHOMA'S ENDANGERED SPECIES?

- **REPORT RARE SPECIES SIGHTINGS?**
- **Become an Amateur Biologist**

For color photographs, range maps and species descriptions, visit the Oklahoma Natural Heritage Invent